

PTO/SB/01 (10-01)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☒ Declaration Submitted with Initial Filing  
OR  
☐ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

**Attorney Docket Number** HES 2000-IP-001080U1

**First Named Inventor** Charles A. Butterfield, Jr.

**COMPLETE IF KNOWN**

**Application Number**

**Filing Date**

**Art Unit**

**Examiner Name**

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Anti-Rotation Method and Apparatus For Limiting Rotation of Cementing Plugs

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY) [ ] as United States Application Number or PCT International

Application Number [ ] and was amended on (MM/DD/YYYY) [ ] (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>


☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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**DECLARATION — Utility or Design Patent Application**

Direct all correspondence to: <input checked="" type="checkbox"/>		Customer Number or Bar Code Label 		OR <input type="checkbox"/> Correspondence address below	
28857 PATENT TRADEMARK OFFICE					
Name					
Address					
City			State		ZIP
Country		Telephone		Fax	
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>					
NAME OF SOLE OR FIRST INVENTOR :				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Charles A. (first and middle (if any))			Family Name Butterfield, Jr. or Surname		
Inventor's Signature <i>Charles A Butterfield Jr.</i>			Date 6/5/02		
Duncan Residence: City		OK State	U.S. Country	U.S. Citizenship	
Mailing Address 4810 Copperwood					
Duncan City		OK State	73533 ZIP	U.S. Country	
NAME OF SECOND INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Henry E. (first and middle (if any))			Family Name Rogers or Surname		
Inventor's Signature <i>Henry E Rogers</i>			Date 6-5-02		
Duncan Residence: City		OK State	U.S. Country	U.S. Citizenship	
Mailing Address 5615 Billy Lee Drive					
Duncan City		OK State	73533 ZIP	U.S. Country	
<input checked="" type="checkbox"/> Additional inventors are being named on the <u>1</u> supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.					

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION****ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
Page 1 of 3

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Seth R. Given Name		Moore Family Name or Surname	
Inventor's Signature <i>Seth R. Moore</i>		Date <i>July 16<sup>th</sup>, 2002</i>	
Conroe Residence: City	TX State	U.S. Country	U.S. Citizenship
2472 Ripplewood Court Mailing Address			
Mailing Address			
City Conroe	TX State	77384 ZIP	U.S. Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Donald M. Given Name		Garrett, Jr. Family Name or Surname	
Inventor's Signature <i>Donald M. Garrett</i>		Date <i>6/29/02</i>	
Youngsville Residence: City	LA State	U.S. Country	U.S. Citizenship
309 Wallingsford Cir. Mailing Address			
Mailing Address			
City Youngsville	LA State	70592 ZIP	U.S. Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Ronald J. Given Name		Holubec Family Name or Surname	
Inventor's Signature <i>R. Holubec</i>		Date <i>6/28/02</i>	
Houma Residence: City	LA State	U.S. Country	U.S. Citizenship
800 Douglas Dr. Mailing Address			
Mailing Address			
City Houma	LA State	70364 ZIP	U.S. Country

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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**DECLARATION****ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
Page 2 of 3

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Anthony M.		Family Name Badalamenti	
Inventor's Signature <i>Anthony M. Badalamenti</i>		Date 06/05/02	
Lafayette Residence: City	LA State	U.S. Country	U.S. Citizenship
106 Berkshire Lane Mailing Address			
Mailing Address			
City Lafayette	LA State	70508 ZIP	U.S. Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Earl D.		Family Name Webb	
Inventor's Signature <i>Earl D. Webb</i>		Date 6-17-02	
Wilson Residence: City	OK State	U.S. Country	U.S. Citizenship
P.O. Box 87 Mailing Address			
Mailing Address			
City Wilson	OK State	73463 ZIP	U.S. Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Michael D.		Family Name Stevens	
Inventor's Signature <i>Michael D. Stevens</i>		Date 6-10-02	
Duncan Residence: City	OK State	U.S. Country	U.S. Citizenship
630 E. Osage Rd. Mailing Address			
Mailing Address			
City Duncan	OK State	73533 ZIP	U.S. Country

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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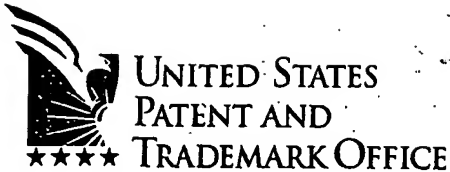
**DECLARATION****ADDITIONAL INVENTOR(S)**

Supplemental Sheet

Page 3 of 3

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Steven L.		Family Name or Surname Holden	
Inventor's Signature <i>Steven L. Holden</i>		Date 6-10-2002	
Residence: City Fletcher	OK State	U.S. Country	U.S. Citizenship
Mailing Address Route 1, Box 670			
Mailing Address			
City Fletcher	OK State	ZIP 73541	U.S. Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name John C.		Family Name or Surname Zimmerman	
Inventor's Signature <i>John C. Zimmerman</i>		Date 3 June 02	
Residence: City Duncan	OK State	U.S. Country	U.S. Citizenship
Mailing Address Route 2 Box 217			
Mailing Address			
City Duncan	OK State	ZIP 73533	U.S. Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



OCTOBER 02, 2002

HALLIBURTON ENERGY SERVICES  
CRAIG W. RODDY  
2600 SOUTH SECOND STREET  
DUNCAN, OK 73536-0440

PTAS  
RECEIVED

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
www.uspto.gov

OCT 02 2002



\*102178439A\*

CRAIG W. RODDY

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/23/2002

REEL/FRAME: 013140/0265  
NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

## ASSIGNOR:

BUTTERFIELD, CHARLES A., JR.

DOC DATE: 06/05/2002

## ASSIGNOR:

ROGERS, HENRY E.

DOC DATE: 06/05/2002

## ASSIGNOR:

MOORE, SETH R.

DOC DATE: 07/16/2002

## ASSIGNOR:

GARRETT, DONALD M., JR.

DOC DATE: 06/24/2002

## ASSIGNOR:

HOLUBEC, RONALD J.

DOC DATE: 06/28/2002

## ASSIGNOR:

BADALAMENTI, ANTHONY M.

DOC DATE: 06/05/2002

## ASSIGNOR:

WEBB, EARL D.

DOC DATE: 06/17/2002

013140/0265 PAGE 2

ASSIGNOR:  
STEVENS, MICHAEL D.

DOC DATE: 06/10/2002

ASSIGNOR:  
HOLDEN, STEVEN L.

DOC DATE: 06/10/2002

ASSIGNOR:  
ZIMMERMAN, JOHN C.

DOC DATE: 06/13/2002

ASSIGNEE:  
HALLIBURTON ENERGY SERVICES, INC.  
10200 BELLAIRE BOULEVARD  
HOUSTON, TEXAS 77072

SERIAL NUMBER: 10201505  
PATENT NUMBER:

FILING DATE: 07/23/2002  
ISSUE DATE:

JEFFREY OLSEN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

08-05-2002

Form PTO-1595  
(Rev. 03/01)

R

OMB No. 0651-0027 (exp. 5/31/2002)



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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼ ▼

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Charles A. Butterfield, Jr.; Henry E. Rogers;  
Seth R. Moore; Donald M. Garrett, Jr.;  
Ronald J. Holube; Anthony M. Badalamenti;  
Earl D. Webb; Michael D. Stevens;Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

## 2. Name and address of receiving party(ies)

Name: Halliburton Energy Services, Inc.

Internal Address: \_\_\_\_\_

Street Address: 10200 Bellaire Boulevard

City: Houston State: TX Zip: 77072

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: see attach

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 06/05/2002

A. Patent Application No.(s) 10/201505

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Craig W. Roddy

Internal Address: Halliburton Energy Services

Street Address: 2600 South Second Street

City: Duncan State: OK Zip: 73536-0440

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

## 8. Deposit account number:

08-0300

DO NOT USE THIS SPACE

## 9. Signature.

Craig W. Roddy

Name of Person Signing

Signature

7-22-2002

Date

Total number of pages including cover sheet, attachments, and documents: 8

Mail documents to be recorded with required cover sheet information to:  
 Commissioner of Patents & Trademarks, Box Assignments  
 Washington, D.C. 20231

08/02/2002 GT0N11 00000176 080300 10201505

01 FC:581

40.00 CH

10/201505

07/23/02



CONTINUATION SHEET FOR RECORDATION COVER SHEET FORM

1. ADDITIONAL NAMES OF CONVEYING PARTIES:

Steven L. Holden  
John C. Zimmerman

3. EXECUTION DATE:

June 5, 2002  
Charles A. Butterfield, Jr.  
Henry E. Rogers  
Anthony M. Badalamenti

June 10, 2002  
Michael D. Stevens  
Steven L. Holden

June 13, 2002  
John C. Zimmerman

June 17, 2002  
Earl Webb

June 24, 2002  
Donald M. Garrett, Jr.

June 28, 2002  
Ronald J. Holubec

July 16, 2002  
Seth R. Moore

**ASSIGNMENT**

Whereas, I/We, Charles A. Butterfield, Jr. of Stephens County, Duncan, Oklahoma; Henry E. Rogers of Stephens County, Duncan, Oklahoma; Seth R. Moore of Montgomery County, Conroe, Texas; Donald M. Garrett, Jr. of Lafayette Parrish, Youngsville, Louisiana; Ronald J. Holubec of Terreboone Parrish, Houma, Louisiana; Anthony M. Badalamenti of Lafayette Parrish, Lafayette, Louisiana; Earl D. Webb of Carter County, Wilson, Oklahoma; Michael D. Stevens of Stephens County, Duncan, Oklahoma; Steven L. Holden of Comanche County, Fletcher, Oklahoma, and John C. Zimmerman of Stephens County, Duncan, Oklahoma, have invented ANTI-ROTATION METHOD AND APPARATUS FOR LIMITING ROTATION OF CEMENTING PLUGS for which I have made application for Letters Patent of the United States; and

Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072 is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of the sum of ten dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, by these presents do sell, assign and transfer and convey unto HALLIBURTON ENERGY SERVICES, INC., its successors and assigns, the full and exclusive right, for the United States of America and its territorial possessions and for any and all foreign countries, in and to the said invention, described in the Patent Application first executed on June 5, 2002, submitted concurrently herewith, and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the United States therefor; said invention, application and any and all Letters Patent issuing therefor to be held and enjoyed by HALLIBURTON ENERGY SERVICES, INC., for its own use and behoof, and for its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me and had this assignment and sale not been made.

And I do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing or reissue application or applications for patent based on the present application, as well as for any other U.S. or foreign application for patent which relates to the said invention.

And I do further agree to communicate to HALLIBURTON ENERGY SERVICES, INC., its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

Executed this 5th day of June, 2002, at Duncan, Stephens County, Oklahoma U.S.A.

Charles A. Butterfield, Jr.  
Charles A. Butterfield, Jr.

State of Oklahoma     )  
                                  ) ss  
County of Stephens    )

Before me personally appeared said Charles A. Butterfield, Jr., and acknowledged the foregoing instrument to be his free act and deed this 5th day of June, 2002.

Seal

Sheila Gibbs  
(Notary Public)

My Commission Expires: September 13, 2004  
Commission Number: 00014119

Executed this 5th day of June, 2002, at Duncan, Stephens County, Oklahoma U.S.A.

Henry E. Rogers  
Henry E. Rogers

State of Oklahoma     )  
                                  ) ss  
County of Stephens    )

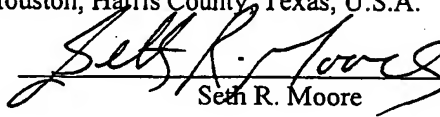
Before me personally appeared said Henry E. Rogers and acknowledged the foregoing instrument to be his free act and deed this 5th day of June, 2002.

Seal

Sheila Gibbs  
(Notary Public)

My Commission Expires: September 13, 2004  
Commission Number: 00014119

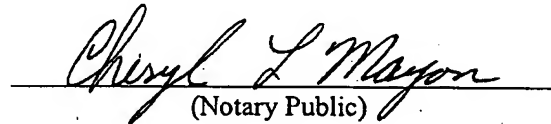
Executed this 16<sup>th</sup> day of ~~June~~<sup>July</sup>, 2002, at Houston, Harris County, Texas, U.S.A.

  
Seth R. Moore

State of Texas           )  
                                  ) ss  
County of Harris        )

Before me personally appeared said Seth R. Moore and acknowledged the foregoing instrument to be his free act and deed this 16<sup>th</sup> day of ~~June~~<sup>July</sup>, 2002.

Seal

  
(Notary Public)

My Commission Expires: 03/01/03

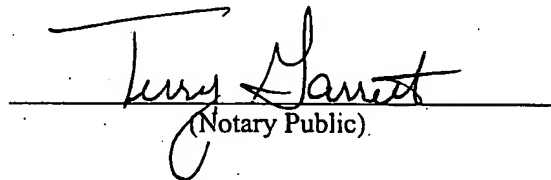
Executed this 24<sup>th</sup> day of June, 2002, at Lafayette, Lafayette Parrish,  
Louisiana, U.S.A.

  
Donald M. Garrett, Jr.

State of Louisiana       )  
                                  ) ss  
Parrish of Lafayette

Before me personally appeared said Donald M. Garrett, Jr. and acknowledged the foregoing instrument to be his free act and deed this 24<sup>th</sup> day of June, 2002.

Seal

  
(Notary Public)

My Commission Expires: at death

Executed this 28 day of June, 2002, at, Houma, La, Terrebonne Parrish,  
Louisiana, U.S.A.

Ronald J. Holubec  
Ronald J. Holubec

State of Louisiana     )  
                                  ) ss  
Parrish of Terrebonne

Before me personally appeared said Ronald J. Holubec and acknowledged the foregoing  
instrument to be his free act and deed this 28<sup>th</sup> day of June, 2002.

PAULA ANN PONTIFF  
Seal NOTARY PUBLIC  
COMMISSIONED FOR LIFE

Paula Ann Pontiff  
(Notary Public)

My Commission Expires:

Executed this 5th day of June, 2002, at, Duncan, Stephens County, Oklahoma, U.S.A.

Anthony M. Badalamenti  
Anthony M. Badalamenti

State of Oklahoma     )  
                                  ) ss  
County of Stephens     )

Before me personally appeared said Anthony M. Badalamenti and acknowledged the foregoing  
instrument to be his free act and deed this 5th day of June, 2002.

Seal

Sheila Tiblis  
(Notary Public)

My Commission Expires: September 13, 2004  
Commission Number: 00014119

Executed this 17th day of June, 2002, at, Duncan, Stephens County, Oklahoma, U.S.A.

Earl D. Webb

Earl D. Webb

State of Oklahoma     )  
                                  ) ss  
County of Stephens    )

Before me personally appeared said Earl D. Webb and acknowledged the foregoing instrument to be his free act and deed this 17th day of June, 2002.

Seal

Sheila Gibbs

(Notary Public)

My Commission Expires: September 13, 2004  
Commission Number: 00014119

Executed this 10th day of June, 2002, at, Duncan, Stephens County, Oklahoma, U.S.A.

Michael D. Stevens

Michael D. Stevens

State of Oklahoma     )  
                                  ) ss  
County of Stephens    )

Before me personally appeared said Michael D. Stevens and acknowledged the foregoing instrument to be his free act and deed this 10th day of June, 2002.

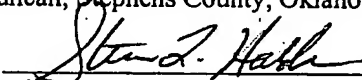
Seal

Sheila Gibbs

(Notary Public)

My Commission Expires: September 13, 2004  
Commission Number: 00014119

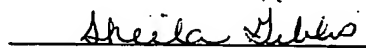
Executed this 10th day of June, 2002, at, Duncan, Stephens County, Oklahoma, U.S.A.

  
Steven L. Holden

State of Oklahoma     )  
                                  ) ss  
County of Duncan     )

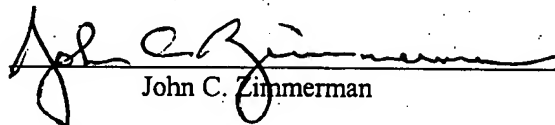
Before me personally appeared said Steven L. Holden and acknowledged the foregoing instrument to be his free act and deed this 10th day of June, 2002.

Seal

  
(Notary Public)

My Commission Expires: September 13, 2004  
Commission Number: 00014119

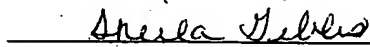
Executed this 13th day of June, 2002, at, Duncan, Stephens County, Oklahoma, U.S.A.

  
John C. Zimmerman

State of Oklahoma     )  
                                  ) ss  
County of Duncan     )

Before me personally appeared said John C. Zimmerman and acknowledged the foregoing instrument to be his free act and deed this 13th day of June, 2002.

Seal

  
(Notary Public)

My Commission Expires: September 13, 2004  
Commission Number: 00014119